

Placer County Flood Control District - Supplemental Information

PLACER COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Supplemental information to be included with the Environmental Questionnaire (EQ)

PROJECT: _____ DATE: _____

The following information is required to determine the potential environmental impacts of the proposed project and to identify appropriate mitigation measures. However, additional information may be requested if the provided information leads to further questions, and/or if the County is unable to complete the initial study checklist due to an incomplete EQ.

1. **Preliminary Grading Plan**

Submit a preliminary grading plan. At a minimum, the plan should include the following items **in addition to the Preliminary Grading Plan items required by the Engineering and Surveying Division:**

- The future (buildout), unmitigated 100-year floodplain limits for any on site or adjacent watercourses with tributary areas of 20 acres or more.
- If applicable, the proposed building pad or finished floor elevations for structures adjacent to the 100-year flood plain limits.
- Any proposed detention/retention basins.

2. **Preliminary Drainage Report**

Submit a preliminary drainage report prepared in accordance with the Placer County Flood Control District Storm Water Management Manual in order to identify and analyze the drainage related impacts occurring from the proposed development. At a minimum, the report should include the following items **in addition to the Preliminary Drainage Report items required by the Engineering and Surveying Division** (with preliminary calculations where appropriate):

- Both pre- and post-development watershed maps that clearly show all of the subbasins, overland flow paths, and collector flow paths used in the hydrology analysis.
- A discussion of the existing drainage facilities downstream of the proposed project that may be impacted by the project.
- A preliminary calculation of pre-development stormwater volume runoff versus post-development stormwater volume runoff during a 100-year storm event (Cross Canal Watersheds only). If necessary, provide either a preliminary design of an onsite stormwater retention facility or a proposal to use an offsite regional stormwater retention facility.

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- A site map and/or preliminary grading plan showing all proposed improvements, including onsite detention/retention ponds, and their location relative to the future (buildout), unmitigated 100-year floodplain limits.
- A summary of the pre- and post-development peak flow rates for the 2-year (Cross Canal Watersheds only), 10-year, and 100-year storm events at each of the project's drainage outlet points.
- If any fill is proposed within the 100-year floodplain limits, both pre- and post-development 100-year hydraulic analyses of the impacted watercourse(s).
- If any fill is proposed within the 100-year floodplain limits, a summary of the pre- and post-development 100-year water surface elevations at the upstream and downstream project boundaries and at critical locations within the project site.
- If HEC-1, HEC-2, HEC-HMS and/or HEC-RAS programs are used in the drainage analysis, provide electronic copies of the files.